

Hospitalizations for Work-related Injuries

Massachusetts 2004

Nature of Injury by Body Region

				Gender		Gender	
				Female	Male	Female	Male
Nature of Injury	Body Region	Number of Injuries	Injuries per 100,000 FTEs	Number of Injuries	Number of Injuries	Injuries per 100,000 FTEs	Injuries per 100,000 FTEs
ALL INJURIES		1302	43.84	243	1059	18.69	63.41
FRACTURES		715	24.07	168	547	12.92	32.75
	Head & Neck	53	1.78	4	49	0.31	2.93
	Torso	122	4.11	17	105	1.31	6.29
	Extremities	540	18.18	147	393	11.31	23.53
DISLOCATION		26	0.88	6	20	0.46	1.20
	Torso	9	0.30	5	4	0.38	(a)
	Extremities	17	0.57	(a)	16	(a)	0.96
SPRAINS & STRAINS		88	2.96	23	65	1.77	3.89
	Torso	27	0.91	9	18	0.69	1.08
	Extremities	61	2.05	14	47	1.08	2.81
INTERNAL ORGAN		116	3.91	17	99	1.31	5.93
	Head & Neck	60	2.02	11	49	0.85	2.93
	Torso	56	1.89	6	50	0.46	2.99
OPEN WOUNDS		119	4.01	7	112	0.54	6.71
	Head & Neck	31	1.04	(a)	30	(a)	1.80
	Torso	(a)	(a)	(a)	(a)	(a)	(a)
	Extremities	85	2.86	5	80	0.38	4.79
AMPUTATIONS		30	1.01	(a)	28	(a)	1.68
	Extremities	30	1.01	(a)	28	(a)	1.68
SUPERFICIAL/CONTUSIONS		17	0.57	(a)	14	(a)	0.84
	Head & Neck	(a)	(a)	(a)	(a)	(a)	(a)
	Torso	7	0.24	(a)	5	(a)	0.30
	Extremities	8	0.27	(a)	7	(a)	0.42
CRUSHING		46	1.55	5	41	0.38	2.46
	Torso	4	0.13	(a)	4	(a)	(a)
	Extremities	42	1.41	5	37	0.38	2.22
BURNS		69	2.32	5	64	0.38	3.83
	Head & Neck	9	0.30	(a)	8	(a)	0.48
	Torso	5	0.17	(a)	4	(a)	(a)
	Extremities	53	1.78	(a)	50	(a)	2.99
OTHER & UNSPECIFIED (b)		76	2.56	7	69	0.54	4.13
	Head & Neck	4	0.13	(a)	4	(a)	(a)
	Torso	7	0.24	(a)	6	(a)	0.36
	Extremities	16	0.54	(a)	16	(a)	0.96

Source: Hospital Discharge Data, for 1 January 2004 through 31 December 2004, Massachusetts Department of Health Care Finance and Policy

(a) Counts not shown and rates not calculated for cells with less than four cases. Rates based on counts less than 20 may be unstable

(b) Other and unspecified includes blood vessel injuries, nerve injuries, systemwide and late effects and nature of injury unspecified or missing.

A hospitalization for an injury is defined as a any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

Attribution of work-relatedness based on designation of Workers' Compensation Insurance as expected payer.

Injuries per 100,000 FTE calculated as number of injuries / FTEs*100,000. FTEs= total hours per year/2000.

Total hours worked for Massachusetts residents obtained from Current Population Survey(CPS), US Census Bureau, for January 2004 through December 2004

Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell, et al, Inj Prev. 2002 Jun;8(2):91-6.